



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

651.6001-B
Job Sheet 170791



Part No: 651.6001-B

Job Qty: 1 ea

Part Name: Bell 505 Emergency Float System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/19/18

Job Tracking No:

Due Date: 2/12/18

Created By: Chantal Lavoie

Type: SOLD

Description:

Note: 651.6001 rev.b IPP REV:A 18.01.12 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Purchasing	1 pcs		2/12/18	0.00	0.00	Purchasing		AT 18/03/06
120	Packaging	1 pcs		2/12/18	0.00	0.00	Packaging2		AT 18/03/06
130	QC	1 pcs		2/12/18	0.00	0.00	QC6		
140	Packaging	1 pcs		2/12/18	0.00	0.00	Packaging2		
150	QC21-SA	1 Ea		2/12/18	0.00	0.00	QC21		

Part Op 110 - Issue P/O: 03882 Purchase part #: 651.6001 Supplier: VISTA Material release not required

Descriptions:

13
9-09
JAN 19 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
651.6001P	Bell 505 Emergency Float System	1 Ea (1 ea)	110-Purchasing	

Part Specifications

Specifications could not be found.

Plex 1/19/18 12:35 PM dart.lavoie.chantal



Bell 505 Emergency Float System

PART NO: 651.6001
Serial No/Batch: S048506
Revision: B
Operation: Packaging
Change No:

Mfg Date: 03/06/18 Job No: 170791



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200



651.6001-B
Job Sheet 170791



(Kit #5)

Part No: 651.6001-B

Job Qty: 1 ea

Part Name: Bell 505 Emergency Float System



PRELIMINARY ISSUE

Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/19/18

Job Tracking No:

Due Date: 2/12/18

Created By: Chantal Lavoie

Type: SOLD

Description:

Note: 651.6001 rev.b IPP REV:A 18.01.12 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Purchasing	1 pcs		2/12/18	0.00	0.00	Purchasing		
120	Packaging	1 pcs		2/12/18	0.00	0.00	Packaging2		
130	QC	1 pcs		2/12/18	0.00	0.00	QC6		
140	Packaging	1 pcs		2/12/18	0.00	0.00	Packaging2		
150	QC21-SA	1 Ea		2/12/18	0.00	0.00	QC21		

Part Op Descriptions: 110 - Issue P/O: _____ Purchase part #: 651.6001 Supplier: VISTA Material release note is required

POSITIVE RECALL

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
651.6001P	Bell 505 Emergency Float System	1 Ea (1 ea)	110-Purchasing	3/7

EFFECTIVE

AUTH

RELEASED

DATE

Site Released

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Purchasing	651.6001P	1	0	0

Part Specifications

Specifications could not be found.

DC: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER :					

Bell 505 Float System conformity Report (651.6001) S/N of Kit:

Part No	Qty	Component Part/Item	Component Name	Tracking / B/S Number	Certification Document Attached
651.6001-B2	1	651.9410-NC	Gauge Glass		
B1	1	600.0927	Mastinox	Exp. 11/01/2018	
B1	1	601.0752-G	Loop Clamp1" ID (Dg16)		
B1	1	601.2045	RTV (LOCTITE 598)		N/A
B1	1	601.2337	Epoxy (Itw Devcon 14270)	Exp 3/31/20	N/A
B2	1	601.4081	- 6 Bulkhead Branch Tee		
B2	1	614.2302-F	Handle Assembly		
	1	624.2213-C	Bulkhead Doubler		
B7	1	651.6101-NC	Cylinder Bracket Assembly		
B7	1	651.6102-NC	Reservoir Bracket Assembly		
B6	1	651.8710-NC	Doubler		
B2	1	651.9411-NC	Gauge Collar		
	1	601.1745-A	Label Graph For Cylinder (Float Cylinder Pressure)	Must be Rev B	
B4	1	602.4301-NC	Hose Assembly	16207	
B2	1	634.9701-G	Float Placard	26407	
✓	1	651.5901-B	Skid Extension Assembly, LH		
✓	1	651.5902-B	Skid Extension Assembly, RH		
✓	1	651.6303-NC	LH Float Assembly, Aft	29161	
✓	1	651.6304-NC	RH Float Assembly, Aft	29399	
30059	1	651.6501-A	Bell 505 Reservoir Assembly	26388 28680	28680
B4	1	651.7001-NC	Pull Cable Assembly	17140	
✓	1	651.8001-NC	LH Mid Float	29753	
✓	1	651.8002-NC	RH Mid Float	29571	
✓	1	651.8801-NC	LH Forward Float	29077	
✓	1	651.8802-NC	RH Forward Float	S/N: V1033500	29260
B1	2	601.0718	Cotter Pin		N/A
B1	2	601.0757	Bolt		N/A
B1	2	601.1516-NC	Union Tee		
B2	2	601.3708	Rivnut		N/A
B2	2	601.4108	Washer NAS1149C0963R		N/A
B7	2	602.4302-NC	Hose	26407 / 26413	(Rev N/C)
B4	2	602.4311-NC	Hose Assembly	28659 / 22665	
B5	2	602.4314-NC	Hose	22941 / 28942	
	2	602.4315-NC	Hose	29745 / 29746	
B3	2	651.2601-NC	T-Bolt Loop Clamp Assembly		
B1	3	601.1451	Stud Adhesive Bonded (CB3000 CR 3-8P)		N/A
B2	3	624.2214-C	L-Bracket		
B1	3	601.1641	Spiral Wrap		N/A
B1	4	601.2199	Bracket MS9592-008		
B2	4	601.4105	Loop clamp MS21919WDG19		
B1	6	601.079	Rivet, 100 Flush Hd, 1/8 Dia X 1/4 Grip, Alum		N/A
B3	6	601.0896	Loop Clamp		
B3	7	601.0945	Loop Clamp (MS21619WDG11)		
B2	8	614.9410-A	Sleeve Assembly		
B3	8	NAS1329H3K280	Rivnut		N/A
B1	9	601.0733	Bracket 90° (MS9592-054)		
B1	12	601.097	Locknut 1/4 X 28 (MS21043-4)		N/A
B2	12	601.4079	Bolt		N/A

Bell 505 Float System conformity Repot (651.6001) S/N of Kit:					
Part No	Qty	Component Part/Item	Component Name	Tracking / B/S Number	Certification Document Attached
B2	14	601.4068	Bolt		N/A
B1	16	601.0797	Loop Clamp (MS21919WDG3)		
B2	16	651.7210-NC	Girt Wedge		
B2	17	601.4107	Rivet MS20470E6-8		N/A
B2	21	601.4106	Loop clamp MS21919WDG7		
B1	24	601.2421	Washer		N/A
B1	24	601.2669	Bolt		N/A
B2	24	NAS6203-5	Bolt		N/A
B2	32	601.4095	Cherry Rivet		N/A
B1	37	601.072	Bolt AN3C5A		N/A
B1	37	601.1773	Rivet		N/A
B1	48	601.3663	Washer		N/A
B1	54	601.0789	Nut (MS21043-3)		N/A
B3	56	CR7341S-06-06	Rivet, Countersunk		N/A
B1	106	601.0774	Washer		N/A
Instected By:					
Vista:					
HBY:					

1/19/2018

PURCHASE ORDER



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO038827

Supplier: API001-VU
Apical Industries
3030 Entreprise Court Suite A
Vista, CA 92081-8347 USA
Phone: 760 509 1615

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No.: PO038827
PO Date: 1/19/18
Due Date: 2/12/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED

JAN 19 2018

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments: order no: 2106
order taken: Caitlin Crooks
sold to: Bell Helicopter Textron

Items					Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
Line Item	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	651.6001P	Bell 505 Emergency Float System	Firmed	2/12/18	1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
Line Item Note job #170791					1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
2	651.6001P	Bell 505 Emergency Float System	Firmed	2/19/18	1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
Line Item Note job #170792					1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
3	651.6001P	Bell 505 Emergency Float System	Firmed	2/21/18	1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
Line Item Note JOB #170793					1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
4	651.6001P	Bell 505 Emergency Float System	Firmed	2/23/18	1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
Line Item Note job #170794					1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
5	651.6001P	Bell 505 Emergency Float System	Firmed	3/1/18	1 Ea	0 Ea	1 Ea	\$66,890.00/Ea	\$66,890.00
Line Item Note job #170795									
Grand Total:								\$334,450.00	

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A034 INTER COMPANY SHIPPERS

Plex 1/19/18 12:51 PM dart.lavoie.chantal



Dart Aerospace Ltd.
3030 Enterprise Courte, Suite A
Vista, CA 92081-8347

Certificate of Conformance

Date: 3/2/2018

Certification To: Dart Aerospace Ltd
1270 Aberdeen Street
Hawkesbury ON K6A 1K7
Canada

PART INFO

"This is to certify that the items identified herein have been manufactured, assembled, inspected and/or tested in accordance with all Apical Industries, Inc. dba Dart Aerospace applicable specifications, drawings and other purchase order requirements. "

Customer Part No: 651.6001

Part Name: Bell 505 Emergency Float System

Quantity: 1

Serial No(s): VI030173

Original Serial No(s): VI030173

Dart Vista Part No: 651.6001

Shipper No: 00569

Customer Part Rev Level:

Customer PO No: PO038827

Revision: B

Remit to: DART Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario K6A 1K7 Canada

Tel: 613 632 5200

Fax: 613 632 5246

accounting@dartaero.com

GST/HST 10127 2607

Note: A minimum 15% restocking fee is applicable. Custom items are non-refundable. Full warranty details are available at www.dartaerospace.com



3/2/18

Signature

Date

Eric Downing

From: Louie Lopez
Sent: Wednesday, March 07, 2018 12:53 PM
To: Eric Downing; Tom Sibbing
Cc: Marcel Daviau
Subject: RE: Discrepancies on 651.6001 505EFS Kit #5

The hose called out on Plex is incorrect. We are working on correcting it in Plex, changing from S/N VIO16207 to S/N VIO26407.

The hose you have with S/N VIO26407 is the correct hose.

LUIS LOPEZ

Quality Assurance Inspector

DART AEROSPACE

T 1 760 724-5300 > 152

D 1 760 509-1652

F 1 760 758-9612

1 800 556-4166

www.dartaerospace.com



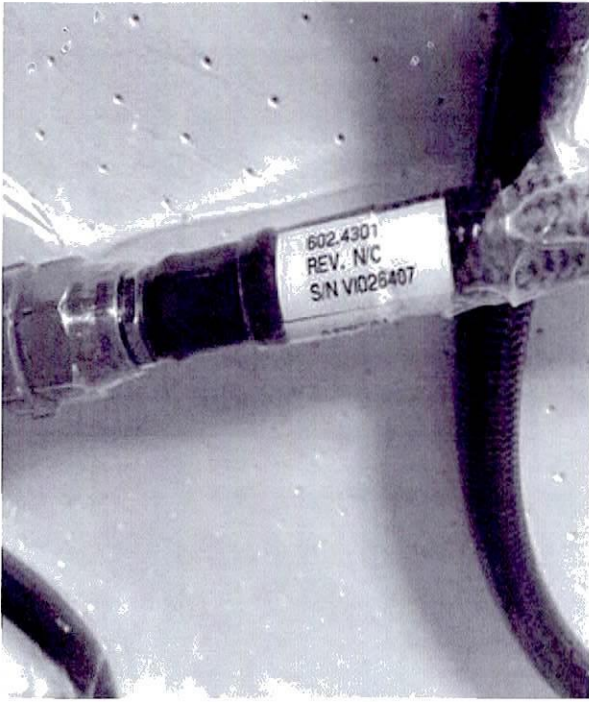
From: Eric Downing
Sent: Wednesday, March 07, 2018 8:32 AM
To: Louie Lopez <llopez@dartaero.com>; Tom Sibbing <tsibbing@dartaero.com>
Cc: Marcel Daviau <mdaviau@dartaero.com>
Subject: Discrepancies on 651.6001 505EFS Kit #5
Importance: High

Tom / Luis,

During my inspection I have found that the S/N on 602.4301 Hose matching to what is pulled in plex.

602.4301 indicates on tag S/N: VIO26407 and in plex it indicates VIO16207.

See picture below.



Please advise to what S/N is correct.

With Kind Regards

Eric Downing

QA Coordinator

T: 1-613-632-5200 ext 223

C:1-613-363-9375

F: 1-613-632-5246

www.dartaero.com

Edowning@Dartaero.com

